

# Tejas Divekar

Pune, India

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[LinkedIn](#) | [Github](#) | [Leetcode](#)



## EDUCATION

### Vishwakarma Institute Of Information Technology, Pune

B.Tech Computer Engineering

June 2027

CGPA:8.92

## Experience

### Forbes Marshal

March 2025

### AI RAG Developement

Remote

- Built an end-to-end **RAG pipeline** using **Gemini API** and **LangChain** for accurate product Q&A.
- Integrated **Quadrant vector store** with custom embeddings to enhance semantic retrieval.
- Developed a **React-based chat UI** with Excel upload and real-time querying.
- Optimized chunking and retrieval for large datasets (15k+ rows), improving response relevance by **40%**.
- Automated document preprocessing and vector indexing using **n8n workflows**.

## Skills

**Programming Languages:** Java, Python , JavaScript

**Web Development:** Node.js, Express.js, React.js, HTML, CSS, Bootstrap

**Database Management:** MySQL, MongoDB , PL/SQL

**Data Analysis:** Python( Pandas , Numpy , Matplotlib , Seaborn), Power BI

**Machine Learning & AI:** Supervised & Unsupervised Learning,Python (Scikit-learn, TensorFlow),ML Algorithms (Regression, Decision Trees, Neural Networks, etc), NLP.

**Version Control & Tools:** Git, GitHub

## PROJECTS

### Resume Builder – AI-Powered Resume Creation Platform | [GitHub](#)

**Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS

- Developed a web app to **create**, **customize**, and **download resumes** with multiple professional templates.
- Integrated an **AI chatbot** for summary rephrasing and keyword suggestions.
- Added **ATS Score & Resume Analyzer** to match resumes with job descriptions.
- Implemented **real-time preview**, **PDF export**, and **user authentication** for a personalized experience.

### Enroll Engineer | Community Portal | React, TypeScript, Tailwind CSS, Zustand.

- Built a role-based community management platform in collaboration with a teammate for a paid client project.
- Worked primarily on frontend architecture, responsive UI design, and client-side state management using Zustand.
- Developed interactive dashboards for announcements, student directories, and messaging using React and Tailwind.

### AI-Powered Face Recognition & Clustering System | [Github](#)

**Tech Stack:** Python, DeepFace, VGG-Face, OpenCV, HDBSCAN, scikit-learn, NumPy, Pandas, Google Drive API.

- Built an automated photo organizer using **DeepFace** and **VGG-Face** for facial recognition and embedding extraction.
- Optimized Clustering: Applied HDBSCAN with 88% similarity thresholds and **PCA** for improved clustering accuracy.
- **Smart Photo Sorting:** Automatically categorized images into individual and **group photos**, achieving **80%+ face recovery**.
- Seamless Data Integration: Enabled direct **photo downloads from Google Drive** for streamlined processing.

### WanderLust – Hotel Booking Web App | [Github](#)

**Tech Stack:** JavaScript, HTML/CSS, Bootstrap, Express.js, MongoDB, Node.js

- Developed a **full-stack platform** for browsing, listing, and booking hotels.
- Implemented **multi-role authentication** (User, Manager, Admin) using Passport.js.
- Built dashboards for hotel managers and **admin-controlled listing approvals**.

## CERTIFICATES / ACHIEVEMENTS

LeetCode - Max rating 1441 | 300+ problems solved. | [Leetcode](#)

Udemy: [Machine Learning & Deep Learning in Python & R](#)

CCNA: [Introduction to Networks](#)

## INTERESTS

**Interests:** Problem Solving, Machine Learning, Sketching, Guitar playing